

Sheet 1 of 1

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APPLICATION NO.
09/910,269INFORMATION DISCLOSURE STATEMENT
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7/19/01

GROUP

U.S. PATENT DOCUMENTS

EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	4,861,988	8/29/89	Henion et al.			
DA	5,869,832	2/9/99	Wang et al.			
DA	5,879,949	3/9/99	Cole et al.			
DA	5,975,426	11/2/99	Myers			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DA	P. Kebarle, "A brief overview of the present status of the mechanisms involved in electrospray mass spectrometry" J. Mass Spectrom. 35, (2000) pgs. 804-817
DA	Van Berkel, "Insights into Analyte Electrolysis in an Electrospray Emitter from Chronopotentiometry Experiments and Mass Transport Calculations", J. Am. Soc. Mass Spectrom., 2000, 11, pgs. 951-960
DA	Van Berkel, "Electrolytic corrosion of a stainless-steel electrospray emitter monitored using an electrospray-photodiode array system", J. Anal. At. Spectrom., July 1995, Vol. 13, pgs. 603-607
DA	Van Berkel, et al., "Derivatization for Electrospray Ionization Mass Spectrometry. 3. Electrochemically Ionizable Derivatives" Anal. Chem., Vol. 70, pgs. 1544-1554
DA	Van Berkel, et al., "Changes in bulk solution pH caused by the inherent controlled-current electrolytic process of an electrospray ion source" Int. J. Mass Spectrom. Ion Processes, 162 (1997) pgs. 55-67
DA	Van Berkel, "The Electrolytic Nature of Electrospray", Electrospray Ionization Mass Spectrometry, Edited by Richard B. Cole, ISBN 0-471-14564-5 (1997) pgs. 65-105
DA	Van Berkel, et al., "Observation of Gas-Phase Molecular Dications Formed from Neutral Organics in Solution via the Controlled-Current Electrolytic Process Inherent to Electrospray", J. Am. Soc. Mass Spectrom., 7 (1996) pgs. 157-162
DAV	Van Berkel, et al. "Electrospray as a Controlled-Current Electrolytic Cell: Electrochemical Ionization of Neutral Analytes for Detection by Electrospray Mass Spectrometry", Anal. Chem., 67, No. 21, November 1, 1995, pgs. 3958-3964
DA	Zhou, et al., "Electrochemistry Combined On-Line with Electrospray Mass Spectrometry", Anal. Chem., Vol. 67, No. 20, October 15, 1995, pgs. 3643-3649
DA	Van Berkel, et al., "Characterization of an Electrospray Ion Source as a Controlled-Current Electrolytic Cell", Anal. Chem., Vol. 67, No. 17, Sept. 1, 1995, pgs. 2916-2923
DA	Van Berkel, et al., "Electrochemical Origin of Radical Cations Observed in Electrospray Ionization Mass Spectra", Anal. Chem., Vol. 64, No. 14, July 15, 1992, pgs. 1586-1593
DA	Kertesz, et al., "Minimizing analyte electrolysis in an electrospray emitter" J. Mass Spectrom., 36 (2001), pgs. 204-210
DA	Van Berkel, et al., "Electrochemical Processes in a Wire-in-a-Capillary Bulk-Loaded, Nano-Electrospray Emitter", J. Am Soc. Mass Spectrom. 12, (2001), pgs. 853-862
DAV	Richard B. Cole "Some tenets pertaining to electrospray ionization mass spectrometry" J. Mass Spectrom., 35 (2000) pgs. 763-772
DA	de la Mora, et al., "Electrochemical processes in electrospray ionization mass spectrometry" J. Mass Spectrom., 35 (2000), pgs. 939-952
DA	Van Berkel, "Electrolytic deposition of metals on to the high-voltage contact in an electrospray emitter: implications for gas-phase ion formation", J. Mass Spectrom., 35, (2000), pgs. 773-783
DA	Van Berkel, et al. "Computational Simulation of Redox Reactions within a Metal Electrospray Emitter", Anal. Chem., Vol. 71, No. 23, Dec. 1, 1999, pgs. 5288-5296

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.